INDEX

Baines, W. D., Rottman, J. W. & Simpson, J. E. The motion of constant-volume air cavities in long horizontal tubes, 313–327

Bank, W. *See* Freymuth, Finaish & Bank

Blake, S. *See* Ivey & Blake

Blevins, R. D. The effect of sound on vortex shedding from cylinders, 217–237

Bradshaw, P. *See* Muck, Hoffmann & Bradshaw

Bradshaw, P. *See* Hoffman, Muck & Bradshaw

Bryant, P. J. Doubly periodic progressive permanent waves in deep water, 27–42

Chang, L.-J. & Tarbell, J. M. Numerical simulation of fully developed sinusoidal and pulsatile (physiological) flow in curved tubes, 175–198

Chen, C. F. & Thangam, S. Convective stability of a variable-viscosity fluid in a vertical slot, 161–173

Cooper, E. R., Jankowski, D. F., Neitzel, G. P. & Squire, T. H. Experiments on the onset of instability in unsteady circular Couette flow, 97–113

Crocco, L. & Orlandi, P. A transformation for the energy-transfer term in isotropic turbulence, 405–424

Davis, S. H. *See* Xu & Davis

Dietsche, C. & Müller, U. Influence of Bénard convection on solid–liquid interfaces, 249–268

Elgar, S. & Guza, R. T. Observations of bispectra of shoaling surface gravity waves, 425–448

Finaish, F. *See* Freymuth, Finaish & Bank

Freymuth, P., Finaish, F. & Bank, W. Three-dimensional vortex patterns in a starting flow, 239–248

Guza, R. T. *See* Elgar & Guza

Hammersley, J. R. *See* Snyder, Hammersley & Olson

Haynes, P. H. Nonlinear instability of a Rossby-wave critical layer, 493–511

Herring, J. *See* Lesieur & Herring

Hoffmann, P. H. *See* Muck, Hoffmann & Bradshaw

Hoffmann, P. H., Muck, K. C. & Bradshaw, P. The effect of concave surface curvature on turbulent boundary layers, 371–403

Huerre, P. *See* Lyell & Huerre

Ivey, G. N. & Blake, S. Axisymmetric withdrawal and inflow in a density-stratified container, 115–137

Jankowski, D. F. *See* Cooper, Jankowski, Neitzel & Squire

Janssen, P. A. E. M. *See* van Gastel, Janssen & Komen

Killworth, P. D. & McIntyre, M. E. Do Rossby-wave critical layers absorb, reflect or over-reflect? 449–491

Komen, G. J. *See* van Gastel, Janssen & Komen

Lesieur, M. & Herring, J. Diffusion of a passive scalar in two-dimensional turbulence, 77–95

INDEX

Baines, W. D., Rottman, J. W. & Simpson, J. E. The motion of constant-volume air cavities in long horizontal tubes, 313–327

Bank, W. *See* Freymuth, Finaish & Bank

Blake, S. *See* Ivey & Blake

Blevins, R. D. The effect of sound on vortex shedding from cylinders, 217–237

Bradshaw, P. *See* Muck, Hoffmann & Bradshaw

Bradshaw, P. *See* Hoffman, Muck & Bradshaw

Bryant, P. J. Doubly periodic progressive permanent waves in deep water, 27–42

Chang, L.-J. & Tarbell, J. M. Numerical simulation of fully developed sinusoidal and pulsatile (physiological) flow in curved tubes, 175–198

Chen, C. F. & Thangam, S. Convective stability of a variable-viscosity fluid in a vertical slot, 161–173

Cooper, E. R., Jankowski, D. F., Neitzel, G. P. & Squire, T. H. Experiments on the onset of instability in unsteady circular Couette flow, 97–113

Crocco, L. & Orlandi, P. A transformation for the energy-transfer term in isotropic turbulence, 405–424

Davis, S. H. *See* Xu & Davis

Dietsche, C. & Müller, U. Influence of Bénard convection on solid–liquid interfaces, 249–268

Elgar, S. & Guza, R. T. Observations of bispectra of shoaling surface gravity waves, 425–448

Finaish, F. *See* Freymuth, Finaish & Bank

Freymuth, P., Finaish, F. & Bank, W. Three-dimensional vortex patterns in a starting flow, 239–248

Guza, R. T. *See* Elgar & Guza

Hammersley, J. R. *See* Snyder, Hammersley & Olson

Haynes, P. H. Nonlinear instability of a Rossby-wave critical layer, 493–511

Herring, J. *See* Lesieur & Herring

Hoffmann, P. H. *See* Muck, Hoffmann & Bradshaw

Hoffmann, P. H., Muck, K. C. & Bradshaw, P. The effect of concave surface curvature on turbulent boundary layers, 371–403

Huerre, P. *See* Lyell & Huerre

Ivey, G. N. & Blake, S. Axisymmetric withdrawal and inflow in a density-stratified container, 115–137

Jankowski, D. F. *See* Cooper, Jankowski, Neitzel & Squire

Janssen, P. A. E. M. *See* van Gastel, Janssen & Komen

Killworth, P. D. & McIntyre, M. E. Do Rossby-wave critical layers absorb, reflect or over-reflect? 449–491

Komen, G. J. *See* van Gastel, Janssen & Komen

Lesieur, M. & Herring, J. Diffusion of a passive scalar in two-dimensional turbulence, 77–95

Leslie, F. Measurements of rotating bubble shapes in a low-gravity environment, 269–279

Lyell, M. J. & Huerre, P. Linear and nonlinear stability of plane stagnation flow, 295–312

McIntosh, A. C. On the cellular instability of flames near porous-plug burners, 43–75

McIntyre, M. E. *See* Killworth & McIntyre

Menendez, A. N. & Ramaprian, B. R. The use of flush-mounted hot-film gauges to measure skin friction in unsteady boundary layers, 139–159

Mori, Y. H. *See* Nosoko, Ohyama & Mori

Muck, K. C., Hoffmann, P. H. & Bradshaw, P. The effect of convex surface curvature on turbulent boundary layers, 347–369

Muck, K. C. *See* Hoffmann, Muck & Bradshaw

Müller, U. *See* Dietsche & Müller

Neitzel, G. P. *See* Cooper, Jankowski, Neitzel & Squire

Nosoko, T., Ohyama, T. & Mori, Y. H. Evaporation of volatile-liquid lenses floating on an immiscible-liquid surface: effects of the surface age and fluid purities in an *n*-pentane/water system, 329–346

Ohyama, T. *See* Nosoko, Ohyama & Mori

Olson, D. E. *See* Snyder, Hammersley & Olson

Orlandi, P. *See* Crocco & Orlandi

Pratt, L. J. *See* Stern & Pratt

Ramaprian, B. R. *See* Menendez & Ramaprian

Rottman, J. W. *See* Baines, Rottman & Simpson

Simpson, J. E. *See* Baines, Rottman & Simpson

Snyder, B., Hammersley, J. R. & Olson, D. E. The axial skew of flow in curved pipes, 281–294

Squire, T. H. *see* Cooper, Jankowski, Neitzel & Squire

Stern, M. E. & Pratt, L. J. Dynamics of vorticity fronts, 513–532

Tarbell, J. M. *See* Chang & Tarbell

Thangam, S. *See* Chen & Thangam

van Gastel, K., Janssen, P. A. E. M. & Komen, G. J. On phase velocity and growth rate of wind-induced gravity–capillary waves, 199–216

Xu, J.-J. & Davis, S. H. Instability of capillary jets with thermocapillarity, 1–25